



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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C3

Job Sheet 204742



Part No: C3

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity

Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/18/19

Job Tracking No:

Due Date: 2/1/19

Created By: Jennifer Renwick

Type: SOLD

Description: Order 21986

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

See Attached Deviation

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	Sign-off
95	External Load - Issue SN	1 pcs	2/1/19	2/1/19	0.00	0.07	External Load - 1		AP 2019-12-19
							External Load - 2		
							External Load - 3		
100	External Load - 2 - B4B	1 pcs	2/1/19	2/1/19	0.00	1.00	External Load - 1 - B4B		AP 2019-12-31
							External Load - 2 - B4B		AP 2020-01-14
							External Load - 3 - B4B		
110	QC 5	1 pcs	2/1/19	2/1/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		DAS
							QC 5 - 58		58
							QC 5 - 68		9-89 JAN 15 2020
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		
130	Packaging 3-2 - Stock - B4B	1 pcs	2/1/19	2/1/19	0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		



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Container No: S242541



Part: C3

Job No: 204742

Serial No/Batch: S242541

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 12/18/19

Plex 12/18/19 1:36 PM Dart.Renwick.Jennife

				Packaging 3 - 7 - B4B	DAS				
				Packaging 3 - 8 - B4B	58 JAN 15 2020				
				Packaging 3 - 9 - B4B	9-89				
				Packaging 3 - 10 - B4B					
				Packaging 3 - 11 - B4B					
				Packaging 3 - 12 - B4B					
				Packaging 3 - 13 - B4B					
				Packaging 3 - 14 - B4B					
				Packaging 3 - 15 - B4B					
				Packaging 3 - 16 - B4B					
				Packaging 3 - 17 - B4B					
				Packaging 3 - 18 - B4B					
				Packaging 3 - 19 - B4B					
				Packaging 3 - 20 - B4B					
				Packaging 3 - 21 - B4B					
				Packaging 3 - 22 - B4B					
				Packaging 3 - 23 - B4B					
				Packaging 3 - 24 - B4B					
				Packaging 3 - 25 - B4B					
				Packaging 3 - 26 - B4B					
				Packaging 3 - 27 - B4B					
				Packaging 3 - 28 - B4B					
				Packaging 3 - 29 - B4B					
				Packaging 3 - 30 - B4B					
				Packaging 3 - 31 - B4B					
				Packaging 3 - 32 - B4B					
				Packaging 3 - 33 - B4B					
				Packaging 3 - 34 - B4B					
				Packaging 3 - 35 - B4B					
				Packaging 3 - 36 - B4B					
				Packaging 3 - 37 - B4B	DAS				
				135 DC - 1 - B4B	1 pcs	2/1/19	0.00 0.00	DC - 1 - B4B	21
								DC - 2 - B4B	9-89 JAN 16 2020
				140 QC 21 - FG	1 pcs	2/1/19	0.00 0.00	QC 21 - FG - 21	DAS
								QC 21 - FG - 70	21 JAN 16 2020
								QC 21 - FG - 53	9-89

Part Op 95 - (Small Fab) 1-Issu S/N
Descriptions: 100 - (Small Fab) 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2-
ASSEMBLE AS PER DWG
110 - QC5- Inspect part completeness to step on W/O)
130 - Identify as per dwg & Stock Location: _____)Identify and Stock
135 - (Document Control)- Photocopy blue file OM & O&OPM-C3 Rev L.
140 - (QC21- Final Inspection - Work Order Release)

LOCTITE 620 (5194792)
GREASE AEROSHELL DO.7 (5225553)
ANTISEIZE LB771 LOCTITE (M138973)

OP
st 343
over 203
st 834

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	95-External Load - Issue SN	5110495
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	100-External Load - 2 - B4B	5126789
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-External Load - 2 - B4B	5073047
32446	Crimp Terminal	2 Ea (2 ea)	100-External Load - 2 - B4B	5130365
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-External Load - 2 - B4B	5029491
AN4-16A	Bolt	3 Ea (3 ea)	100-External Load - 2 - B4B	5293743-1
AN4-17A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5239247
AN6-15A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5183433
C2-1-1	Manual Release Knob	1 pcs (1 ea)	100-External Load - 2 - B4B	5226897
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5068051
C2-11-2	Locating Pin	2 Ea (2 ea)	100-External Load - 2 - B4B	5061528
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	100-External Load - 2 - B4B	5189923
C2-3-10	Latch Shaft	1 pcs (1 ea)	100-External Load - 2 - B4B	5180410
C2-3-11	Actuator	1 pcs (1 ea)	100-External Load - 2 - B4B	5174393
C2-3-2	Latch Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5173563
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-External Load - 2 - B4B	5222866
C2-3-3	Latch Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5176487
C2-3-3-1	Latch Roller DU Bearing	1 pcs (1 ea)	100-External Load - 2 - B4B	5182513
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-External Load - 2 - B4B	5199313
C2-3-6	Latch	1 pcs (1 ea)	100-External Load - 2 - B4B	5230390
C2-3-8	Actuator Shaft Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5196195
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-External Load - 2 - B4B	5216722
C3-10-2	Lock Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5233540
C3-11-1	Side Plate - Solenoid C3-Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5182333
C3-12-1	Lock Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5240287
C3-12-2	Lock Shaft - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5239197
C3-12-3	Lock - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5142603
C3-12-4	Lock Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5100620
C3-12-5	Lock Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5188182
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-External Load - 2 - B4B	5190010
C3-13-1	Keeper Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5189919
C3-13-4	KEEPER	1 pcs (1 ea)	100-External Load - 2 - B4B	5192911
C3-13-5	Spring, Keeper	1 pcs (1 ea)	100-External Load - 2 - B4B	5146022
C3-2-1	Side Plate C-3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5175253
C3-3-4	Link Pin	2 pcs (2 ea)	100-External Load - 2 - B4B	5214930
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-External Load - 2 - B4B	5214930
C3-3-7	Link	1 pcs (1 ea)	100-External Load - 2 - B4B	5048430
C3-3-9	Actuator Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5237238
C3-4-1	Load Beam Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5241391
C3-4-4A	C3 Load Beam Assy	1 pcs (1 ea)	100-External Load - 2 - B4B	5237353
C3-7-1	Load Beam Bumper	1 pcs (1 ea)	100-External Load - 2 - B4B	5208794
C3-7-2	Lock Bumper	2 pcs (2 ea)	100-External Load - 2 - B4B	5230617
C3-8-2	Solenoid	1 pcs (1 ea)	100-External Load - 2 - B4B	5210004
C3-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	100-External Load - 2 - B4B	5180680
C3-8-5	Solenoid Cover	1 pcs (1 ea)	100-External Load - 2 - B4B	5204110
C3-9-1	Clock Spring Cover - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5029289
C3-9-2	Spring, Clock	1 pcs (1 ea)	100-External Load - 2 - B4B	5089524
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-External Load - 2 - B4B	5239514
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-External Load - 2 - B4B	5075144
MS21044N4	Nut, Self-Locking	4 Ea (4 ea)	100-External Load - 2 - B4B	5225328
MS21083N3	Nut	2 Ea (2 ea)	100-External Load - 2 - B4B	5230750
MS21083N6	Nut	1 Ea (1 ea)	100-External Load - 2 - B4B	5192157
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	5228002
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	5207709-1
NAS1149F0332P	Washer (AN960-10L)	2 Ea (2 ea)	100-External Load - 2 - B4B	5075330-3
NAS1149F0363P	Washer (AN960-10)	1 Ea (1 ea)	100-External Load - 2 - B4B	5201001
NAS1149F0463P	Washer (AN960-416)	8 Ea (8 ea)	100-External Load - 2 - B4B	5048297
NAS1149F0632P	Washer (AN960-616L)	2 Ea (2 ea)	100-External Load - 2 - B4B	

844812567

5103666

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
95-External Load - Issue SN	188-FPSS-1032-1/4	2	47	0
	188-FSCS-832-5/8	4	123	0
100-External Load - 2 - B4B	2595K22	1	17	0
	32446	2	531	0
	8183K6	1	16	0
	AN4-16A	3	448	0
	AN4-17A	1	353	0
	AN6-15A	1	16	0
	C2-1-1	1	21	0
	C2-10-1	1	51	0
	C2-11-2	2	20	0
	C2-3-1	2	23	0
	C2-3-10	1	3	0
	C2-3-11	1	11	0
	C2-3-2	1	13	0
	C2-3-2-1	2	77	0
	C2-3-3	1	34	0
	C2-3-3-1	1	6	0
	C2-3-5	2	61	0
	C2-3-6	1	14	0
	C2-3-8	2	9	0
	C2-5-1	1	14	0
	C3-10-2	1	36	0
	C3-11-1	1	23	0
	C3-12-1	2	38	0
	C3-12-2	1	52	0
	C3-12-3	1	14	0
	C3-12-4	1	25	0
	C3-12-5	1	22	0
	C3-12-6	2	58	0
	C3-13-1	2	32	0
	C3-13-4	1	23	0
	C3-13-5	1	12	0
	C3-2-1	1	5	0
	C3-3-4	2	10	0
	C3-3-4-1	4	195	0
	C3-3-7	1	5	0
	C3-3-9	1	64	0
	C3-4-1	2	53	0
	C3-4-4A	1	6	0
	C3-7-1	1	11	0
	C3-7-2	2	58	0
	C3-8-2	1	7	0
	C3-8-4	1	32	0
	C3-8-5	1	14	0
	C3-9-1	1	18	0
	C3-9-2	1	22	0
	EL-PLUG-M	1	30	0
	M27500-16TG2T14	1	20	0
	MS21044N4	4	80	0
	MS21083N3	2	76	0
	MS21083N6	1	21	0
	MS35266-63	2	28	0
	NAS1149F0332P	2	4,922	0
	NAS1149F0363P	1	231	0
	NAS1149F0463P	8	156	0
	NAS1149F0632P	2	268	0
Part Specifications				
Specifications could not be found.				

Plex 12/18/19 1:36 PM Dart.Renwick.Jennifer



Remote Cargo Hook Test Form
C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order 204742 Customer _____
Serial Number S 242541 Date 2020-01-14

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	PASS
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	PASS
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	9.7 A	PASS
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.8 A	PASS
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	9.7 A	PASS
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.7 A	PASS
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	9.7 A	PASS
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	8.7 A	PASS
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	12.2 A	PASS
1	3,000	Manual		N/A	PASS
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	PASS
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	2.0 Ω	PASS
1	N/A	Electircal Continuity	Across both wires	N/A	PASS

Test Conducted By: ALAN PATRY
Technician

Submit

Signature:  JAN 15 2020
QC 5 Small FAB / QA